

## ISLE OF WIGHT COUNTY

364059076544901. Local number, 55B 16.

**LOCATION.**--Lat 36°41'00", long 76°54'48", NAD83, Hydrologic Unit 03010202, off U.S. Highways 258 and 58, 200 ft west of the intersection of U.S. Highways 258 and 58 and Lynn Road, and 0.3 mi east of Franklin. Owner: International Paper Company, formerly Union Camp Corporation.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 6 in., depth 305 ft, screened 285 to 305 ft.

**INSTRUMENTATION.**--Electronic data logger, 60-minute record interval. May 27, 1988 to Nov. 3, 1999, digital recorder 60-minute punch. Prior to May 27, 1988, continuous strip-chart recorder.

**DATUM.**--Elevation of land-surface datum is 25 ft above sea level, from topographic map. Measuring point: Top of casing, 0.45 ft above land-surface datum.

**REMARKS.**--Missing record due to recorder malfunction. Water level affected by local pumpage and regional drawdown.

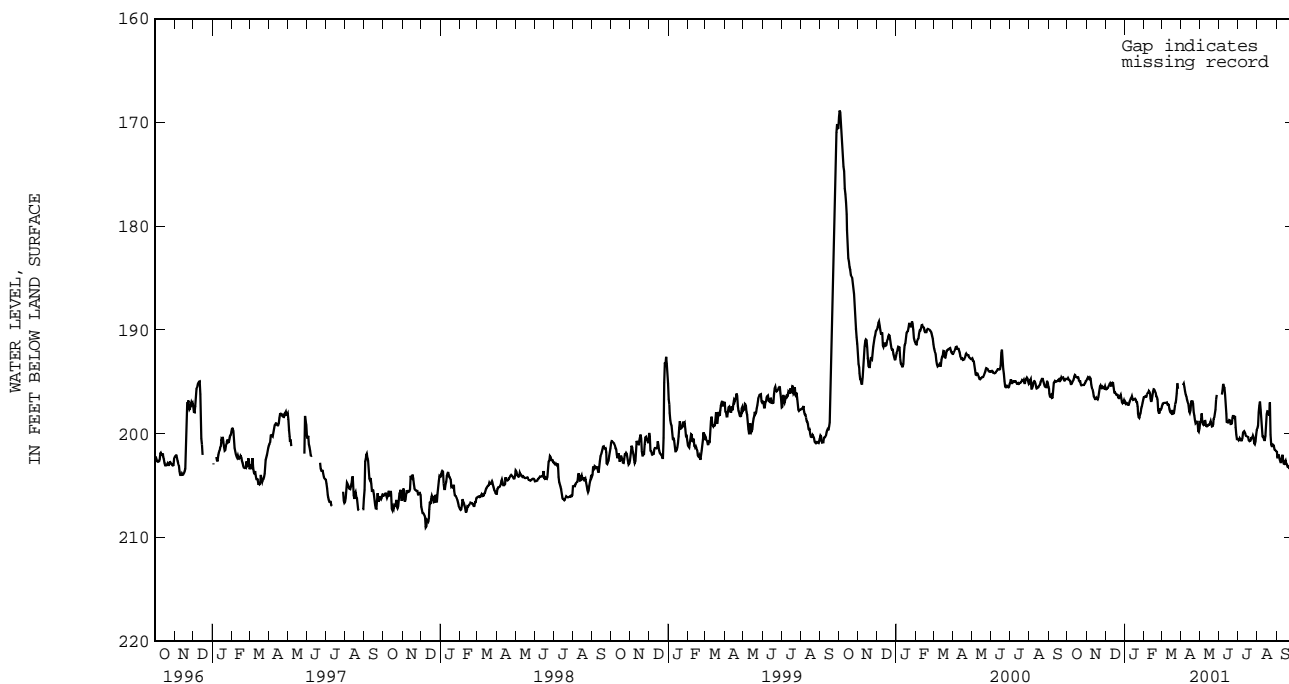
**PERIOD OF RECORD.**--June 1960 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level recorded, 99.00 ft below land-surface datum, Dec. 27, 1960; lowest recorded, 216.72 ft below land-surface datum, May 23, 1992.

**EXTREMES FOR CURRENT YEAR.**--Highest instantaneous water level, 194.20 ft below land-surface datum, Oct. 13; lowest instantaneous water level, 203.31 ft below land-surface datum, Sep. 22-23.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	194.89	194.69	195.53	197.13	196.23	197.03	195.18	198.88	196.23	200.54	196.90	202.25
10	194.87	195.69	195.35	196.67	196.19	197.16	196.71	198.96	196.25	199.79	200.27	202.01
15	194.51	196.64	196.00	196.70	195.94	197.95	197.97	199.11	198.94	200.26	199.03	202.60
20	194.91	196.10	196.26	196.99	196.38	198.03	197.11	199.29	199.05	200.63	198.24	203.23
25	195.30	195.60	196.25	198.18	197.98	196.08	198.93	198.08	198.46	200.18	201.17	202.65
EOM	194.89	195.43	197.06	196.49	197.60	---	199.48	---	200.51	199.63	201.67	201.95





## ISLE OF WIGHT COUNTY

364101076544803. Local number, 55B 62 SOW 096B.

**LOCATION.**--Lat 36°41'02", long 76°54'47", NAD83, Hydrologic Unit 03010202, 200 ft northwest of intersection of U.S. Highways 58 and 258 and Lynn Road, 0.3 mi east of Franklin. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Yorktown-Eastover aquifer of Miocene-Pliocene age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 3 in., depth 30.77 ft, screened 25 to 30 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by USGS personnel. Oct. 1, 1987 to Oct. 8, 1995, digital recorder 60-minute punch. Prior to Oct. 1, 1987, occasional measurement with chalked tape.

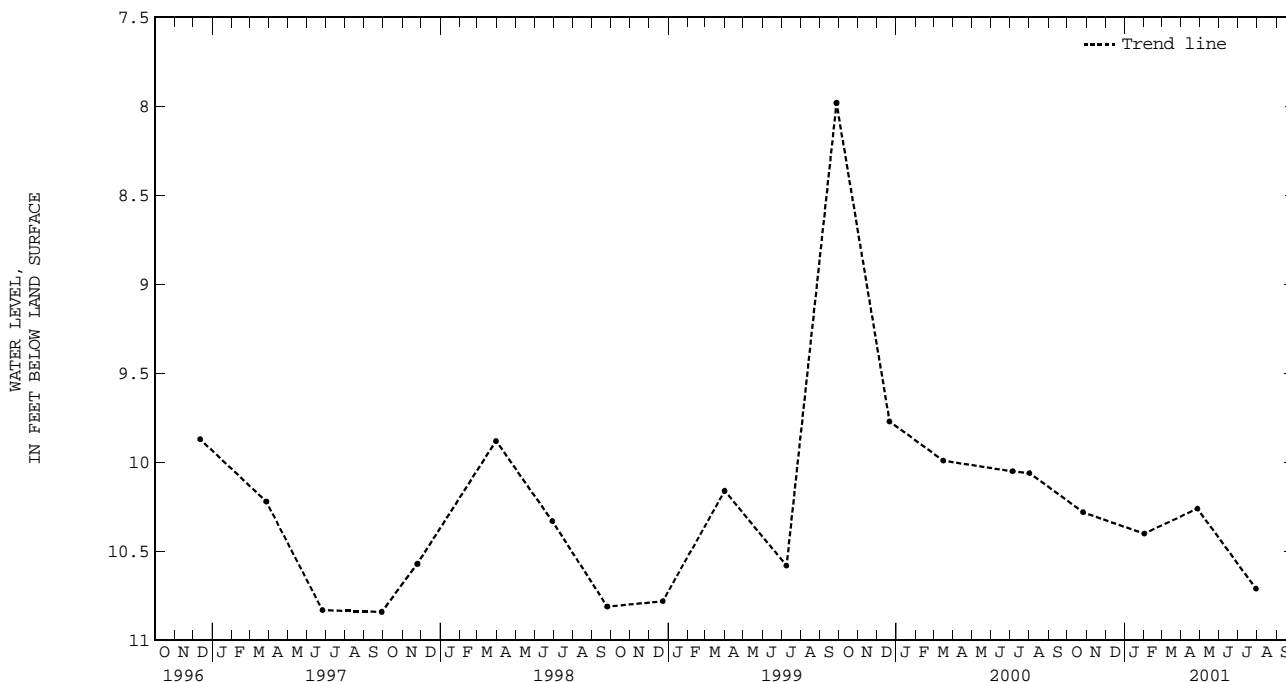
**DATUM.**--Elevation of land-surface datum is 27 ft above sea level, from topographic map. Measuring point: Top of casing, 2.15 ft above land-surface datum.

**PERIOD OF RECORD.**--May 1979, October 1980 to September 1981, October 1982 to September 1983, October 1984 to current year. Unpublished records available prior to October 1985 in files of the Geological Survey.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level recorded, 7.98 ft below land-surface datum, Sep. 27, 1999; lowest measured, 15.38 ft below land-surface datum, Oct. 17, 1980.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	10.28	FEB 01	10.40	APR 27	10.26	JUL 30	10.71
WATER YEAR 2001		HIGHEST	10.26	APR 27, 2001		LOWEST	10.71 JUL 30, 2001



## GROUND-WATER LEVELS

## ISLE OF WIGHT COUNTY

364814076440701. Local number, 57C 25 SOW 149A.

**LOCATION.**--Lat 36°48'15", long 76°44'06", NAD83, Hydrologic Unit 02080208, at Windsor Community Center in Windsor. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Columbia aquifer of Quaternary age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 26 ft, screened 16 to 26 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to Jul. 19, 1985, bimonthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 70 ft above sea level, from topographic map. Measuring point: Top of casing, 1.2 ft above land-surface datum.

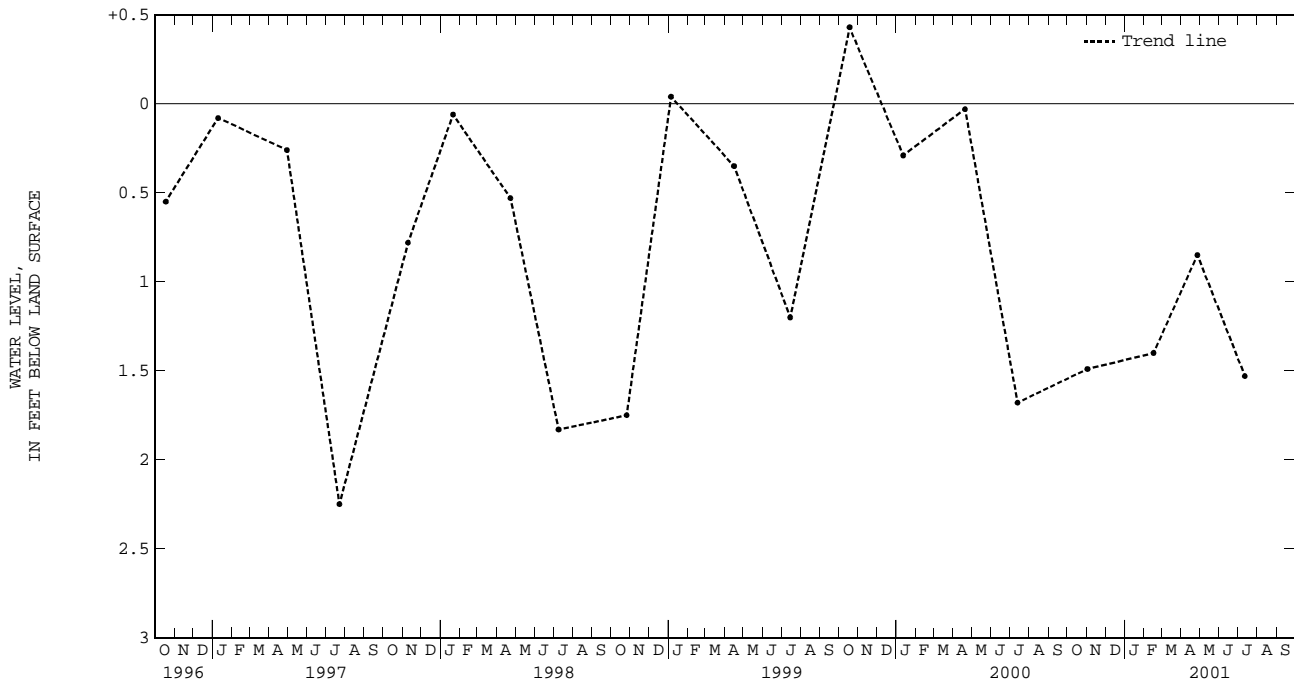
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division.

**PERIOD OF RECORD.**--March 1985 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 0.43 ft above land-surface datum, Oct. 18, 1999; lowest measured, 3.29 ft below land-surface datum, Jul. 22, 1986.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 02	1.49	FEB 16	1.40	APR 27	.85	JUL 12	1.53
WATER YEAR 2001		HIGHEST	.85	APR 27, 2001		LOWEST	1.53 JUL 12, 2001



## ISLE OF WIGHT COUNTY

364814076440702. Local number, 57C 26 SOW 149B.

**LOCATION.**--Lat 36°48'15", long 76°44'06", NAD83, Hydrologic Unit 02080208, at Windsor Community Center in Windsor. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Brightseat-upper Potomac aquifer of Cretaceous-Paleocene age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 380 ft, screened 370 to 380 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to Jul. 19, 1995, bimonthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 70 ft above sea level, from topographic map. Measuring point: Top of casing, 1.2 ft above land-surface datum.

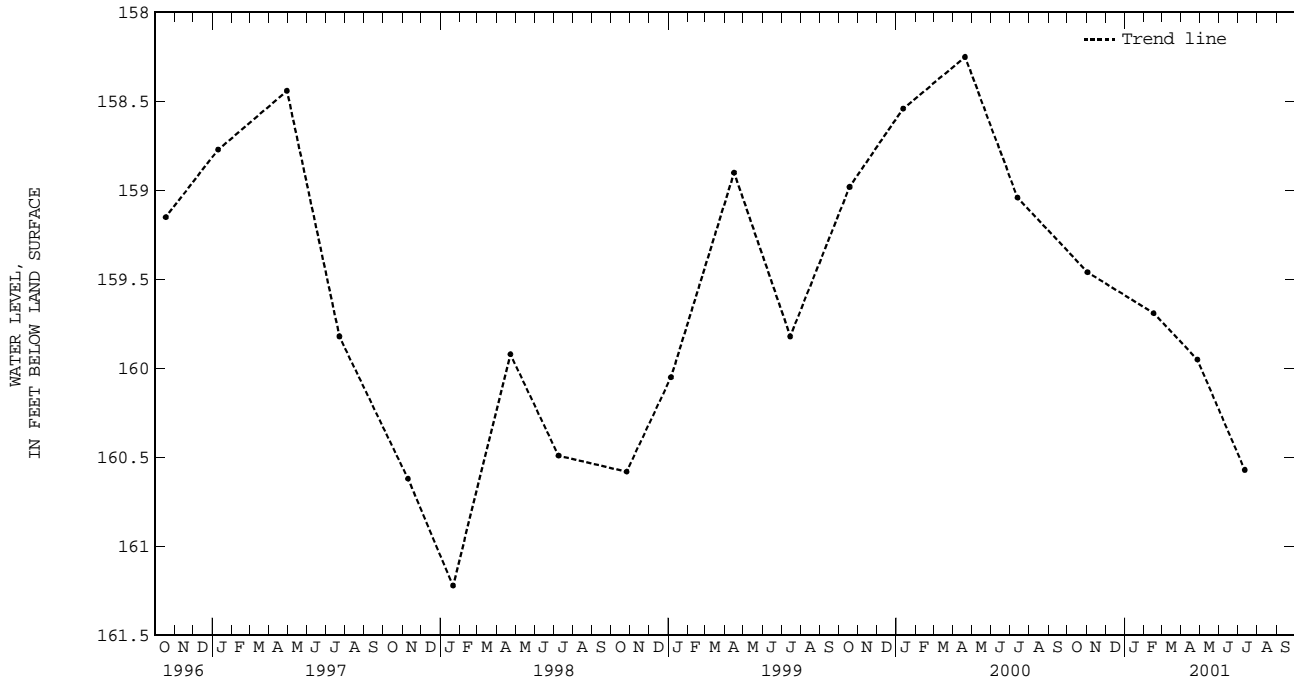
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by local pumpage and regional drawdown.

**PERIOD OF RECORD.**--March 1985 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 144.42 ft below land-surface datum, Feb. 25, 1986; lowest measured, 168.14 ft below land-surface datum, Feb. 18, 1994.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 02	159.46	FEB 16	159.69	APR 27	159.95	JUL 12	160.57
WATER YEAR 2001		HIGHEST	159.46	NOV 02, 2000	LOWEST	160.57	JUL 12, 2001



## GROUND-WATER LEVELS

## ISLE OF WIGHT COUNTY

364814076440704. Local number, 57C 28 SOW 149D.

**LOCATION.**--Lat 36°48'15", long 76°44'06", NAD83, Hydrologic Unit 02080208, at Windsor Community Center in Windsor. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 807 ft, screened 797 to 807 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to Jul. 19, 1995, bimonthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 70 ft above sea level, from topographic map. Measuring point: Top of casing, 1.4 ft above land-surface datum.

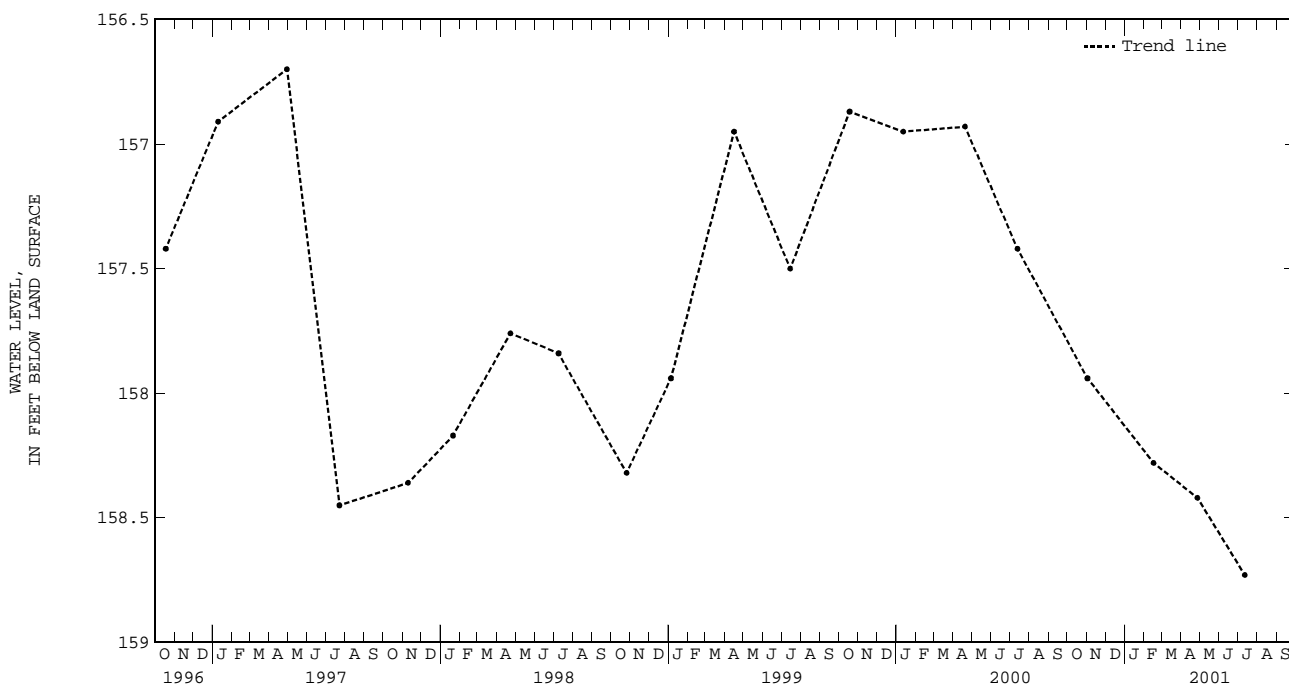
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by local pumpage and regional drawdown.

**PERIOD OF RECORD.**--March 1985 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 142.80 ft below land-surface datum, Feb. 25, 1986; lowest measured, 165.62 ft below land-surface datum, Feb. 18, 1994.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 02	157.94	FEB 16	158.28	APR 27	158.42	JUL 12	158.73
WATER YEAR 2001		HIGHEST	157.94	NOV 02, 2000	LOWEST	158.73	JUL 12, 2001



## ISLE OF WIGHT COUNTY

365751076433501. Local number, 57D 21 SOW 143A.

**LOCATION.**--Lat 36°57'52", long 76°43'34", NAD83, Hydrologic Unit 03010202, 50 ft west of State Highway 652, 0.5 mi south of State Highway 682, and 1.8 mi southwest of Magnet. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 650 ft, screened 640 to 650 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 7, 1985, to Jul. 10, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, monthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 73 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

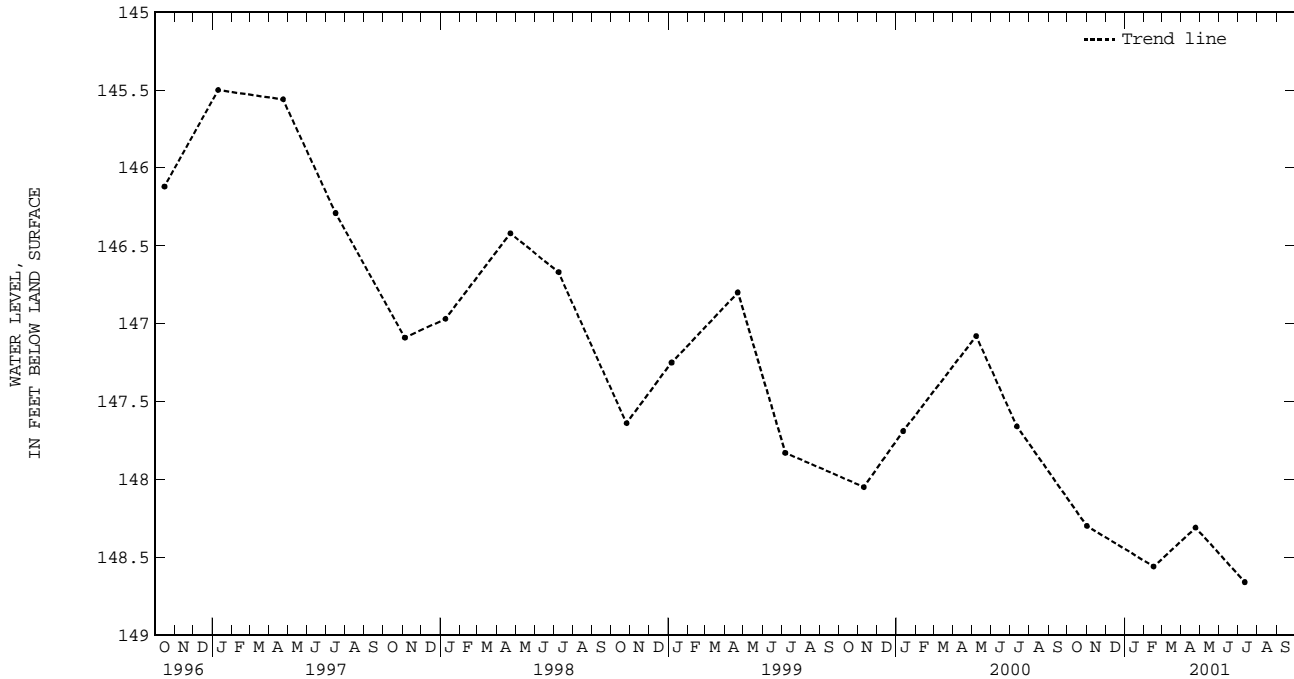
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown.

**PERIOD OF RECORD.**--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 122.60 ft below land-surface datum, Aug. 27, 1980; lowest measured, 148.66 ft below land-surface datum, Jul. 12, 2001.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	148.30	FEB 16	148.56	APR 24	148.31	JUL 12	148.66
WATER YEAR 2001		HIGHEST	148.30	NOV 01, 2000	LOWEST	148.66	JUL 12, 2001



## GROUND-WATER LEVELS

## ISLE OF WIGHT COUNTY

365751076433502. Local number, 57D 22 SOW 143B.

**LOCATION.**--Lat 36°57'52", long 76°43'34", NAD83, Hydrologic Unit 03010202, 50 ft west of State Highway 652, 0.5 mi south of State Highway 682, and 1.8 mi southwest of Magnet. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Brightseat-upper Potomac aquifer of Cretaceous-Paleocene age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 350 ft, screened 340 to 350 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 7, 1985, to Jul. 10, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, monthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 73 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

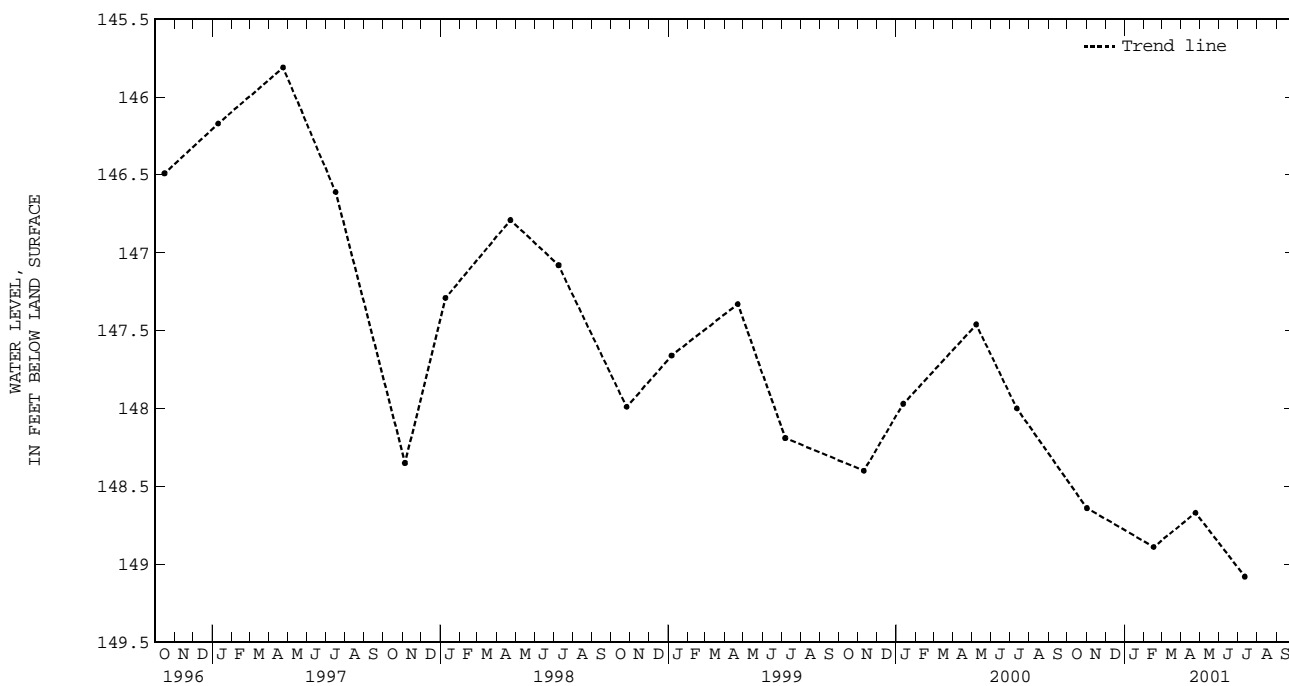
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown.

**PERIOD OF RECORD.**--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 125.10 ft below land-surface datum, Apr. 24, May 29, 1980; lowest measured, 149.08 ft below land-surface datum, Jul. 12, 2001.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	148.64	FEB 16	148.89	APR 24	148.67	JUL 12	149.08
WATER YEAR 2001		HIGHEST	148.64	NOV 01, 2000	LOWEST	149.08	JUL 12, 2001



## GROUND-WATER LEVELS

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## ISLE OF WIGHT COUNTY

365751076433503. Local number, 57D 23 SOW 143C.

**LOCATION.**--Lat 36°57'52", long 76°43'34", NAD83, Hydrologic Unit 03010202, 50 ft west of State Highway 652, 0.5 mi south of State Highway 682, and 1.8 mi southwest of Magnet. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Columbia aquifer of Quaternary age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 18 ft, screened 8 to 18 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 7, 1985, to Jul. 10, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, monthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 73 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

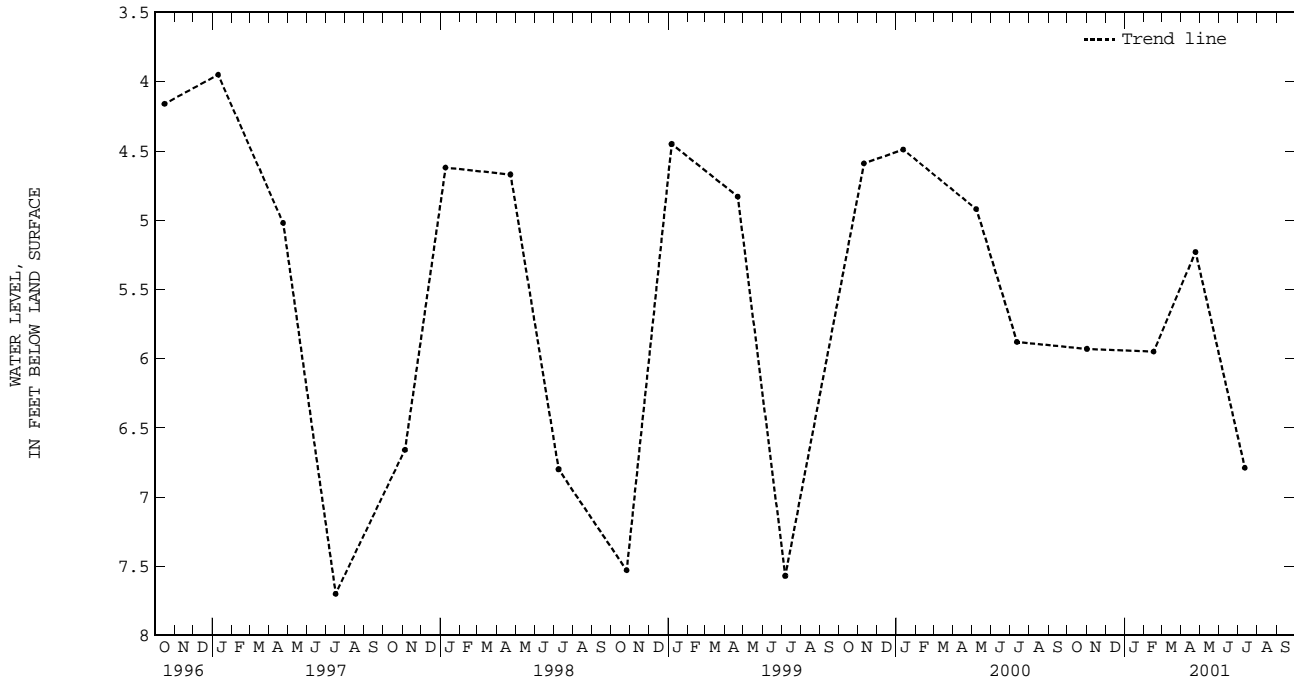
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division.

**PERIOD OF RECORD.**--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 2.29 ft below land-surface datum, Feb. 23, 1987; lowest measured, 8.70 ft below land-surface datum, Aug. 11, 1986.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	5.93	FEB 16	5.95	APR 24	5.23	JUL 12	6.79
WATER YEAR 2001		HIGHEST	5.23	APR 24, 2001	LOWEST	6.79	JUL 12, 2001



## GROUND-WATER LEVELS

## ISLE OF WIGHT COUNTY

370236076425901. Local number, 57E 10 SOW 144B.

**LOCATION.**--Lat 37°02'54", long 76°43'11", NAD83, Hydrologic Unit 02080206, 0.5 mi east of State Highway 627, 1.0 mi north of State Highway 621, and 2.5 mi southwest of Rushmere. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Brightseat-upper Potomac aquifer of Cretaceous-Paleocene age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 440 ft, screened 430 to 440 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 7, 1985, to Jul. 10, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, monthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 85 ft above sea level, from topographic map. Measuring point: Top of casing, 1.5 ft above land-surface datum.

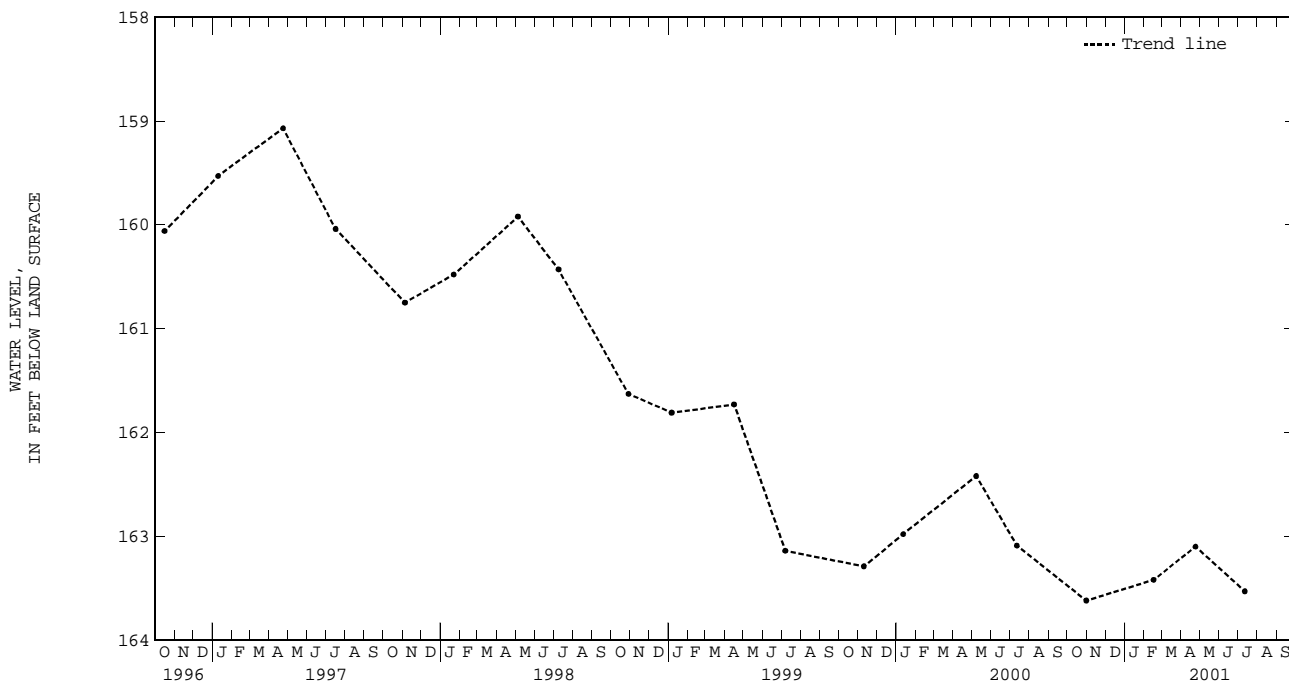
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by local pumpage and regional drawdown.

**PERIOD OF RECORD.**--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 139.90 ft below land-surface datum, Apr. 24, Jul. 24, 1980; lowest measured, 163.62 ft below land-surface datum, Oct. 31, 2000.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 31	163.62	FEB 16	163.42	APR 24	163.10	JUL 12	163.53
WATER YEAR 2001		HIGHEST	163.10	APR 24, 2001	LOWEST	163.62	OCT 31, 2000



## ISLE OF WIGHT COUNTY

370253076431201. Local number, 57E 14 SOW 144A.

**LOCATION.**--Lat 37°02'54", long 76°43'11", NAD83, Hydrologic Unit 02080208, 0.5 mi east of State Highway 627, 1.0 mi north of State Highway 621, and 2.5 mi southwest of Rushmere. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in. to 590 ft, diameter 3 in. from 590 to 600 ft, depth 600 ft, screened 590 to 600 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 7, 1985, to Jul. 10, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, monthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 86 ft above sea level, from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum.

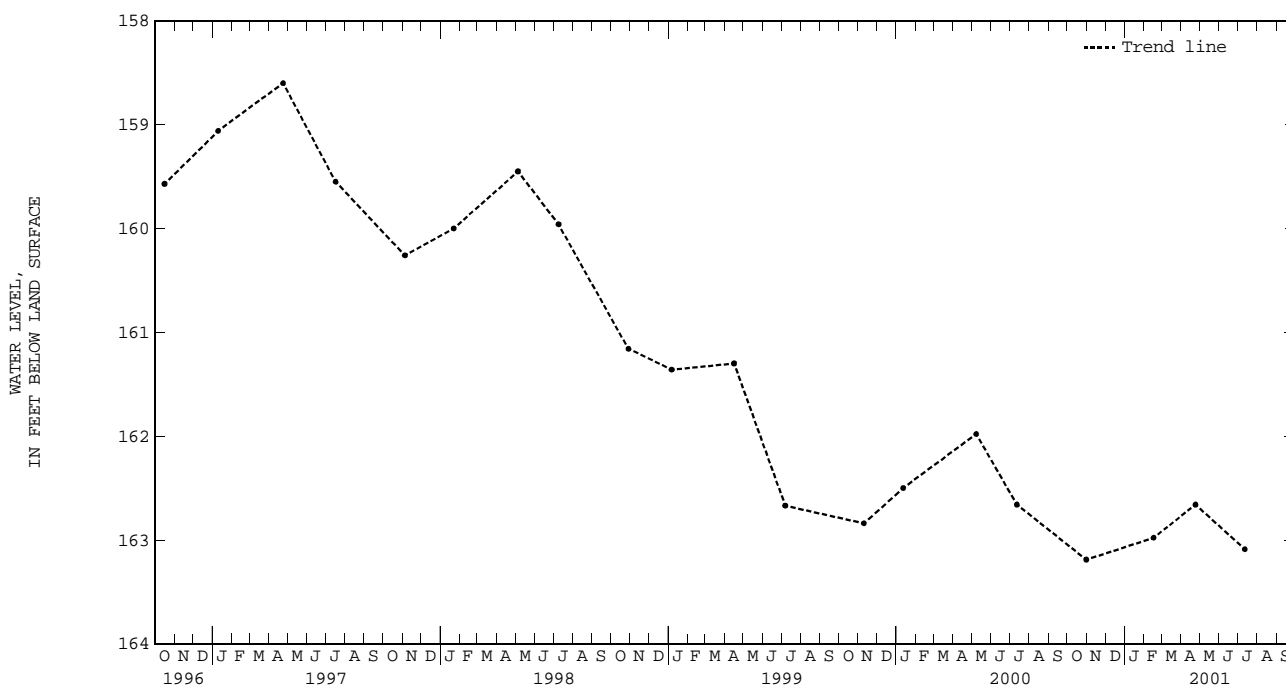
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by local pumpage and regional drawdown.

**PERIOD OF RECORD.**--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 139.49 ft below land-surface datum, Apr. 24, 1980; lowest measured, 163.19 ft below land-surface datum, Oct. 31, 2000.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 31	163.19	FEB 16	162.98	APR 24	162.66	JUL 12	163.09
WATER YEAR 2001		HIGHEST	162.66	APR 24, 2001	LOWEST	163.19	OCT 31, 2000



## GROUND-WATER LEVELS

## ISLE OF WIGHT COUNTY

370253076431202. Local number, 57E 15 SOW 144C.

**LOCATION.**--Lat 37°02'54", long 76°43'11", NAD83, Hydrologic Unit 02080208, 0.5 mi east of State Highway 627, 1.0 mi north of State Highway 621, and 2.5 mi southwest of Rushmere. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Columbia aquifer of Quaternary age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 4 in., depth 20 ft, screened 10 to 20 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 7, 1985, to Jul. 10, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, monthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 86 ft above sea level, from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum.

**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division.

**PERIOD OF RECORD.**--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 0.88 ft below land-surface datum, Feb. 17, 1994; lowest measured, 14.23 ft below land-surface datum, Nov. 3, 1994.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 31	9.64	FEB 16	9.63	APR 24	4.52	JUL 12	11.74
WATER YEAR 2001		HIGHEST	4.52	APR 24, 2001	LOWEST	11.74	JUL 12, 2001

